

FIG.1

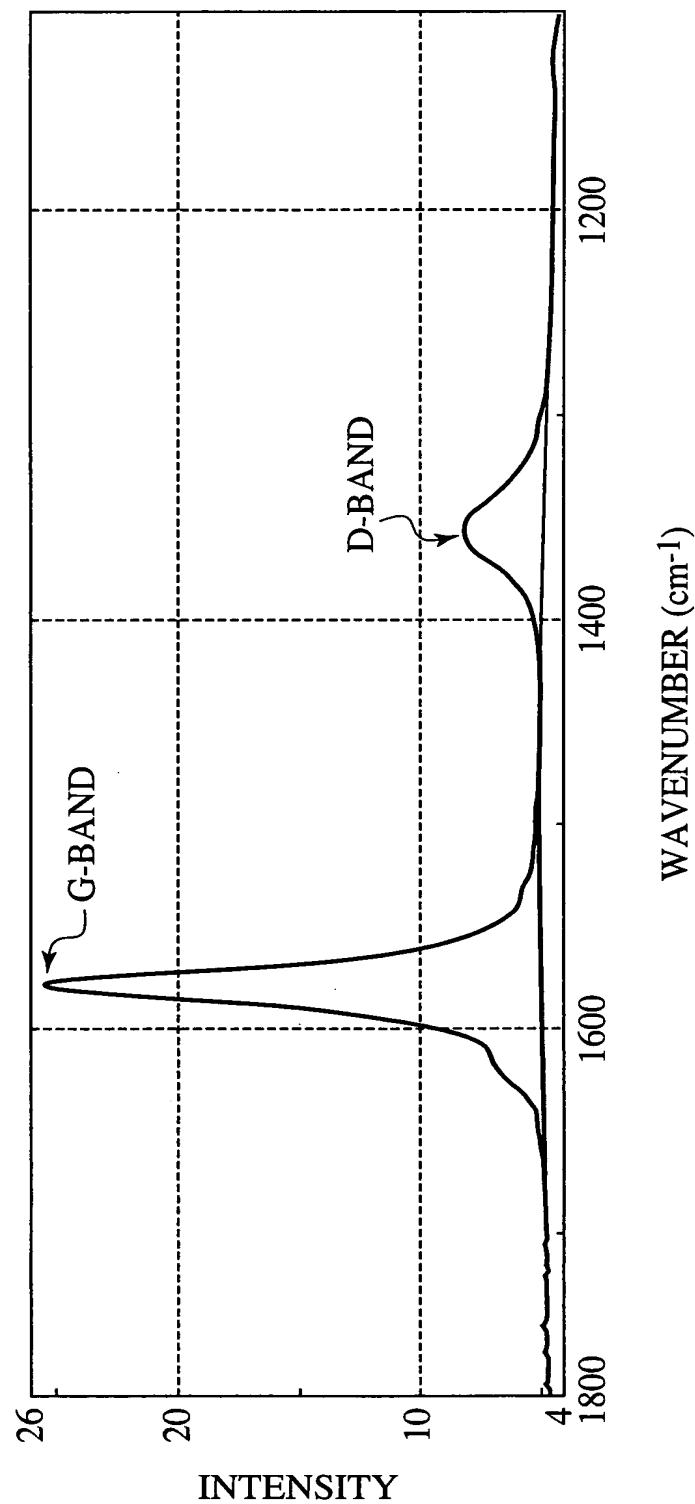
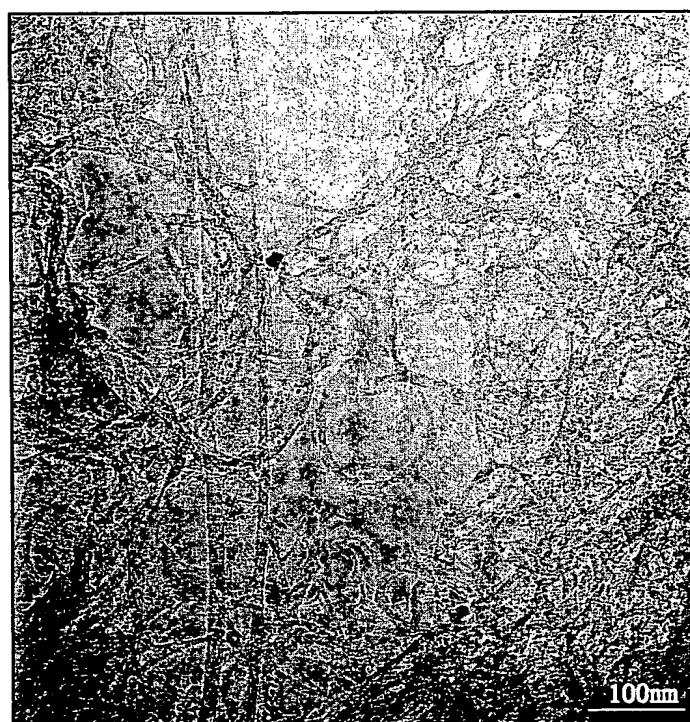


FIG.2

	EX.1	EX.2	EX.3	COM.EX.1	COM.EX.2	COM.EX.3	COM.EX.4
TREATMENT LIQUID	NITRIC ACID	NITRIC ACID	HYDROGEN PEROXIDE SOLUTION	—	ETHANOL ACID	NITRIC ACID AND SULFURIC ACID	NITRIC ACID AND SULFURIC ACID
TREATMENT CONDITION	IMMERSION AT RT FOR 12H	IMMERSION AT RT FOR 12H	IMMERSION AT RT FOR 12H	—	IMMERSION AT RT FOR 12H	IMMERSION AT 70°C FOR 7H	IMMERSION AT 70°C FOR 7H
AFTER TREATMENT	—	—	HEATING UNDER VACUUM AT 300°C	—	—	—	HEATING UNDER VACUUM AT 300°C
HYDROGEN STORAGE CAPACITY (% BY WEIGHT)	0.90	0.77	1.14	0.23	0.23	0.09	<0.09
R VALUE(I _d /I _g)	0.05	0.03	0.08	0.015	0.016	0.33	0.12
							RT : ROOM TEMPERATURE

3/9

FIG.3



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FIG.4

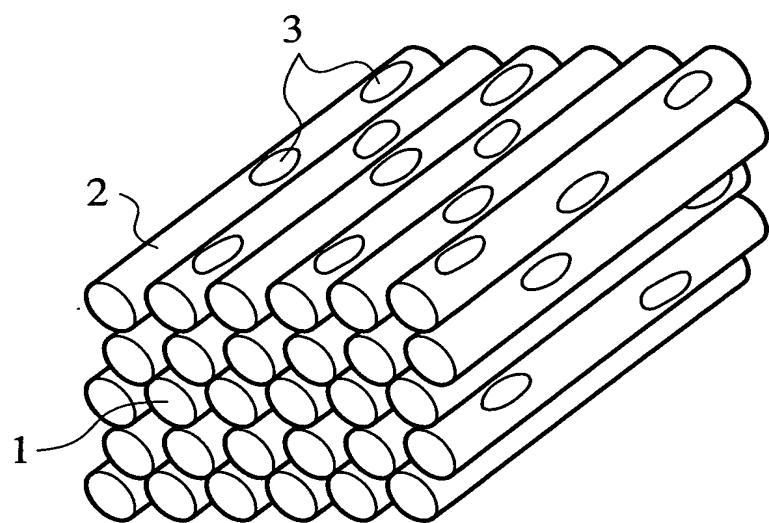


FIG.5



FIG.6

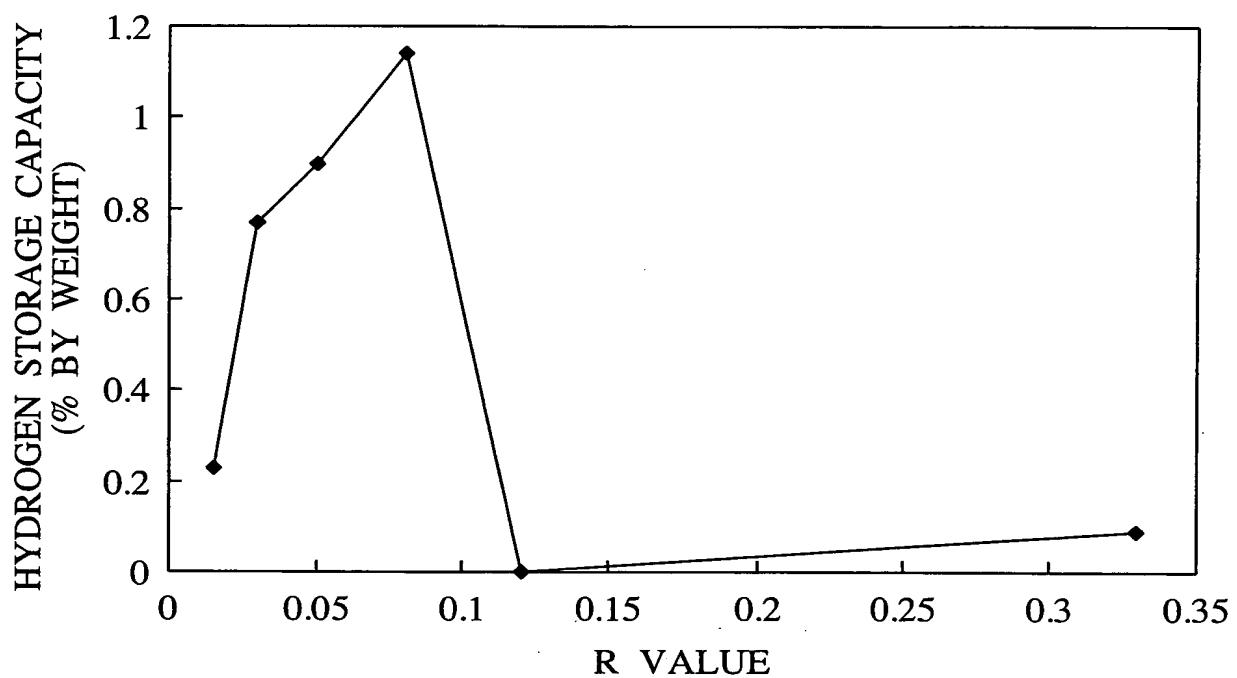


FIG.7

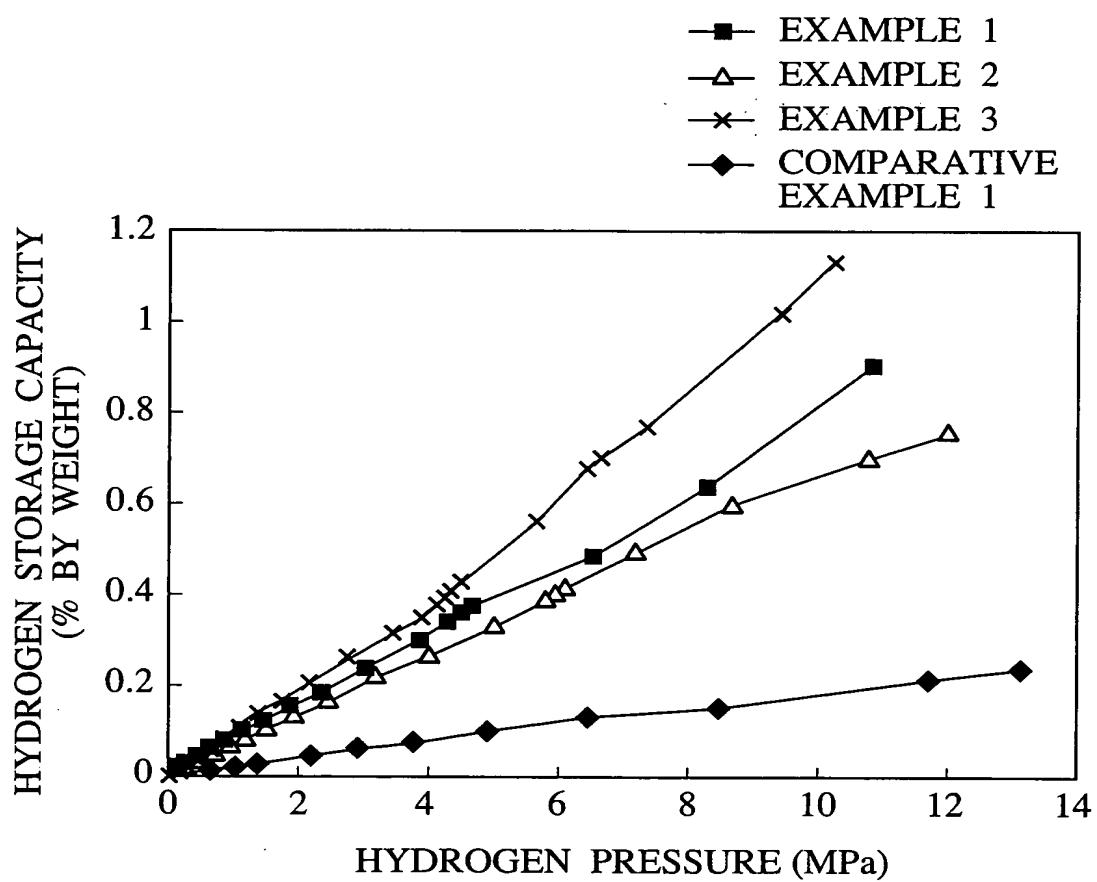


FIG.8

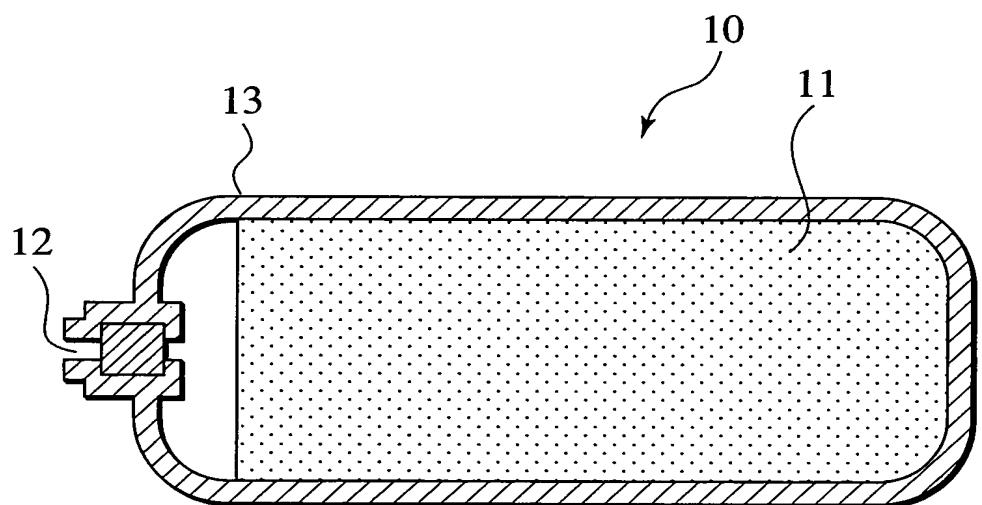


FIG. 9

